



# Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

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We Identify and **S.T.O.P.** Your Noise Problems

Filename

Test#12 - 2 PEPP

## ASTM C423 – Sound Absorption

Project Folder	Client	Product	Model #	Quantity	Comment
	Acoustical Surfaces	Absorption Material		1	2" PEPP with 7-1" x 2" strips PEPP

Sample Size – Wt

95.0 in x 95.5 in x – 0 lbs.

Sample Description #

8 Panels – 2" PEPP Arranged in 2 x 4 Fashion : with 7 strips of 1"x2" PEPP on center panels :

Type A Mounting

Time Stamp

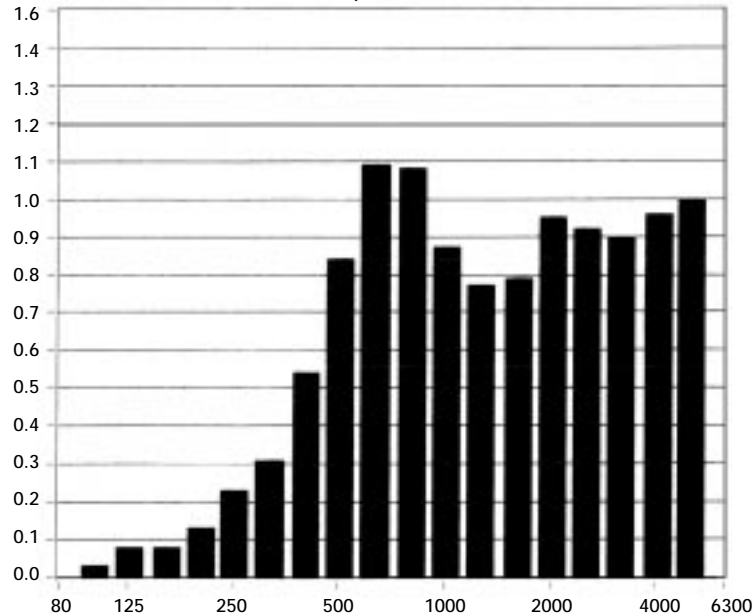
Wed. Oct. 30, 2002 – 1:50 PM

Total Sample Area 63.0 ft<sup>2</sup>

F (Hz)	Absorption Coefficient	Absorption (Sabins)*
100	0.03	2.09
125	0.08	5.10
160	0.08	4.75
200	0.13	7.88
250	0.23	14.71
315	0.31	19.68
400	0.54	34.00
500	0.84	52.99
630	1.09	68.78
800	1.08	68.27
1000	0.87	54.93
1250	0.77	48.43
1600	0.79	49.95
2000	0.95	59.91
2500	0.92	57.85
3150	0.90	56.86
4000	0.96	60.49
5000	1.00	63.24

Absorption Coefficient

Sound Absorption Coefficients



Temp (\*C) R.H. (%) ATM (mbar)

22.0

63

990

\*Total absorption based on 63.0 ft<sup>2</sup>

$$SAA = 0.71 \quad NRC = 0.70$$